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Approved For Release 2003/05/14 : CIA-RDP78B05171A000600020075-0

NPIC/TSSG/RED-1808-69
18 September 1969

MEMORANDUM FOR THE RECORD

SUBJECT: High Precision Stereo Comparator Program

1. A meeting of the Stereo Comparator Coordinating Group was held on 15 September 1969 in the 5S-453 Conference Room. In attendance were representatives from: IEG/PHD, PSG/AID, PPBS, TSSG/RED, TSSG/SSD, TSSG/ESD, and TSSG/APSD.

2. The following items were discussed at the meeting:

a. The project monitor, [] on 9 and 10 September to review the progress on the project. Indications are that the project is progressing just about on schedule.

b. [] of TSSG/ESD was at the [] plant from 8 to 11 September 1969 taking on-the-job training in maintenance of the comparator.

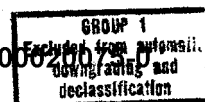
c. [] project manager, visited [] from 4 to 14 August 1969 to monitor the progress on the optical subcontract. [] reports that the optics are still on schedule. [] is going through the slow tedious process of alignment and testing. They are taking extreme care with this phase of the work and three tests are made on all alignments. The image wander for the focus range of the objective lens has been tested and found to be less than .15 u over the 3 mm. range. The specifications call for the wander to be less than .25 u.

[] still expects to have the optical system ready for [] acceptance tests by 15 December 1969.

d. [] was to have the correlators ready for acceptance testing on 8 September 1969. They have encountered difficulties and requested the test be delayed until 6 October 1969. [] reports that they are having trouble separating the signal from the noise plus having to replace four logic boards.

e. [] needs more time in interfacing the computer to the system and has requested [] to delay the computer programming until the 1st of November. [] has about six weeks work, so this should be completed by mid December. This will allow adequate time to check it out prior to 15 February 1970 when the total system is assembled.

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25X1 f. [] discussed the recommended spare parts list
25X1 with [] personnel. [] provided a list of long lead time items.
25X1 This includes glass platens (18 months), optical filters (6 months),
[] motors (6 months), etc. [] suggested that we try split funding
the spare parts over several years. They also pointed out where we
might order items like the glass platens now, but not have to pay for
them until a year or 18 months later

25X1 g. [] informed us that they are not exercising their option to
have maintenance people trained at [] on the 516 Computer and
suggested that NPIC might wish to take up this option without cost.

25X1 h. Arrangements have been made and cover orders taken care of to
train two NPIC people at [] on programming the 516 Computer.
This training will take place the last two weeks of October.

25X1 i. [] requested information on the black box that Logistics is
25X1 building to control the air flow and temperature control for the
25X1 clean room. [] stated that it will be completed by 1 October
and it will be held at the contractors for [] to inspect. It will
then be sent to [] for checkout with their system.

25X1 j. [] will visit NPIC either the week of 6 or 13 October 1969
to discuss math model and computer plans with AID, APSD, and PHD.

25X1 3. [] of TSSG/SSD gave a briefing on the progress of the
Clean Room and Site Preparation for the Stereo Comparator. GSA awarded a
contract in mid September. The site should be ready in adequate time for
the stereo comparator installation.

25X1 4. [] talked about plans for testing and evaluating the stereo
comparator after it is installed in []

25X1 5. [] of PSG/AID says he hopes to have the data input format
for stereo programs worked out before [] visit in October.

25X1 6. [] also stated that we may have to have separate tele-
types for the Central Computer and the [] Computer. []
stated this would have to be decided in a hurry because it influenced the
heat problem in the clean room.

[]
Project Monitor
TSSG/RED/SDB

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